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**The Annexes (Amended Sheets) of the International Preliminary Examination  
Report**

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1 CLAIMS

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3 1. A body protecting device for wearing by a user  
4 comprising:

5 an outer surface; and

6 an array of energy absorbing cells,

7 wherein each cell comprises a tube,

8 and wherein substantially each tube has a side wall

9 which is connected to the side wall of at least

10 another tube substantially along the length of the

11 tube,

12 and wherein substantially each tube has a tube

13 axis arranged substantially normal to the outer

14 surface,

15 such that the orientation of each tube is

16 substantially maintained when a load is applied to

17 the outer surface.

18

19 2. A body protecting device as claimed in Claim 1,

20 wherein the tube has a cylindrical or conical

21 structure.

22

23 3. A body protecting device as claimed in Claim 1

24 or 2, wherein the body protecting device comprises a

25 safety helmet.

26

27 4. A body protecting device as claimed in any

28 preceding claim, wherein substantially each tube has

29 a side wall which is connected to the side wall of

30 at least another tube by an adhesive.

31

- 1     5.    A body protecting device as claimed in any of  
2       Claims 1 to 3, wherein substantially each tube has a  
3       side wall which is welded or fused to the side wall  
4       of at least another tube.  
5
- 6     6.    A body protecting device as claimed in Claim 5,  
7       wherein one or more tubes are formed from an inner  
8       core comprising a first material and an outer core  
9       comprising a second material.  
10
- 11    7.    A body protecting device as claimed in Claim 6,  
12       wherein the second material has a lower melting  
13       temperature than the first material.  
14
- 15    8.    A body protecting device as claimed in any  
16       preceding claim, wherein substantially each tube is  
17       connected to at least three other tubes.  
18
- 19    9.    A body protecting device as claimed in any  
20       preceding claim, wherein substantially each tube is  
21       connected to six other tubes.  
22
- 23    10.   A body protecting device as claimed in any  
24       preceding claim, wherein each tube has a diameter of  
25       between 2 and 8 mm.  
26
- 27    11.   A body protecting device as claimed in any  
28       preceding claim, wherein each tube has a diameter of  
29       about 6 mm.  
30

- 1 12. A body protecting device as claimed in any  
2 preceding claim, wherein the thickness of the side  
3 wall of each tube is less than 0.5 mm.  
4
- 5 13. A body protecting device as claimed in any  
6 preceding claim, wherein the thickness of the side  
7 wall of each tube is between 0.1 and 0.3 mm.  
8
- 9 14. A body protecting device as claimed in any  
10 preceding claim, wherein the length of each tube is  
11 less than 50 mm.  
12
- 13 15. A body protecting device as claimed in any  
14 preceding claim, wherein the length of each tube is  
15 between 30 and 40 mm.  
16
- 17 16. A body protecting device as claimed in any  
18 preceding claim, wherein the array of energy  
19 absorbing cells is provided as an integral material.  
20  
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